

Converting Colors

Yxy(51.3430, 0.4286, 0.4229)

Have a look what the booklet for
Yxy(51.3430, 0.4286, 0.4229)
contains.

Yxy(51.4379, 0.4285, 0.4233)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.4379, 0.4285, 0.4233)

Conversions

Conversions Part 1

Format	Color
Hex	E8B65F
RGB	232, 182, 95
RGB Percent	91%, 71%, 37%
CMY	0.0902, 0.2862, 0.6275
CMYK	0.00, 0.22, 0.59, 0.09
HSL	38°, 75%, 64%
HSV	38°, 59%, 91%
XYZ	52.0698, 51.4379, 18.0087
YIQ	187.0320, 57.7270, -16.4570

Conversions

Conversions Part 2

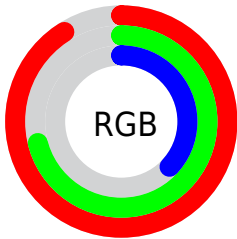
Format	Color
RYB	174, 232, 95
Decimal	15251039
CIELab	76.94, 8.50, 50.46
CIELCh	77, 51.175, 80.436
Yxy	51.4379, 0.4285, 0.4233
Android (android.graphics.Color)	4293441119 (0xFFE8B65F)
YUV	187.0320, -45.3718, 39.4369
Hunter-Lab	71.7202, 4.0829, 35.3166

Details

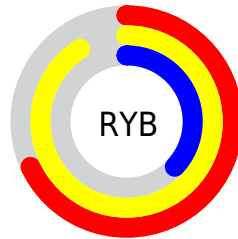
The Yxy color **51.4379, 0.4285, 0.4233** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **28.5015, 0.2128, 0.2062**, and the grayscale version is **49.9503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5472, 0.3820, 0.4186**, and **24.7666, 0.4550, 0.4413** is the 20% darker color. If you saturate the color by 10%, you get **47.7166, 0.4503, 0.4342**, and if you desaturate by 10%, it is **55.4994, 0.4062, 0.4093**.

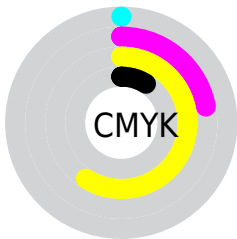
Distribution



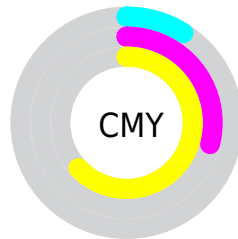
- Red (91%)
- Green (71%)
- Blue (37%)



- Red (68%)
- Yellow (91%)
- Blue (37%)



- Cyan (0%)
- Magenta (22%)
- Yellow (59%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4379, 0.4285, 0.4233 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 51.4379, 0.4285, 0.4233 by changing the saturation by 10% instead.


 51.4379, 0.4285,
0.4233

 51.4379, 0.4285,
0.4233

392.2627, 0.3736,
0.3807


 36.5572, 0.4406,
0.4320

 92.3017, 0.4097,
0.4092


 24.8649, 0.4549,
0.4418


 119.0537, 0.4022,
0.4035

 15.9764, 0.4719,
0.4526


 150.5315, 0.3958,
0.3984

 9.5075, 0.4915,
0.4634

 187.1196, 0.3902,
0.3940

 5.0736, 0.5210,
0.4790

229.2024, 0.3853,
0.3901

 2.2905, 0.5309,
0.4691

277.1643, 0.3810,

 0.7687, 0.5506,

0.3866

0.4494

331.3896, 0.3771,
0.3835

0.0000, 0.0000,
0.0000

51.4379, 0.4285,
0.4233

51.4379, 0.4285,
0.4233

47.7166, 0.4503,
0.4342

55.4994, 0.4062,
0.4093

44.3127, 0.4704,
0.4408

59.9072, 0.3844,
0.3935

41.2113, 0.4878,
0.4424

64.6764, 0.3636,
0.3767

38.3875, 0.5020,
0.4390

69.8187, 0.3445,
0.3597

38.1316, 0.5033,
0.4385

75.3452, 0.3270,
0.3433

81.2661, 0.3113,
0.3276

87.4368, 0.2987,
0.3152

92.5717, 0.2987,
0.3237

95.8942, 0.2987,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.4379, 0.4504, 0.3748



51.4379, 0.4285, 0.4233



51.4379, 0.3762, 0.4538

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.4379, 0.4285, 0.4233



51.4379, 0.2063, 0.3181



51.4379, 0.3030, 0.2405

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.4379, 0.4285, 0.4233



28.5015, 0.2128, 0.2062

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.4379, 0.2423, 0.2236



51.4379, 0.4285, 0.4233



51.4379, 0.1917, 0.2601

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.4379, 0.4285, 0.4233



51.4379, 0.2480, 0.3908



51.4379, 0.2041, 0.2290



51.4379, 0.3739, 0.2756

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.4379, 0.4285, 0.4233



51.4379, 0.3325, 0.4534



51.4379, 0.2041, 0.2290



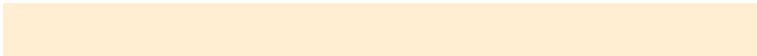
51.4379, 0.2808, 0.2327

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.4404, 0.4285, 0.4233



87.1656, 0.3427, 0.3581



27.3890, 0.4258, 0.2744



18.2448, 0.3481, 0.3630



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.4404, 0.4285, 0.4233



58.1262, 0.4551, 0.4361



72.7888, 0.3824, 0.4753



15.8866, 0.3277, 0.3439



21.4189, 0.5016, 0.4399



1.7582, 0.4865, 0.4519

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.5015, 0.2128, 0.2062



27.4309, 0.1939, 0.1759



17.5371, 0.2100, 0.1444



14.7438, 0.2981, 0.3137



7.0292, 0.1658, 0.1167



0.6916, 0.1739, 0.1460

Previews

White Background



This preview shows how the Yxy color 51.4379, 0.4285, 0.4233 looks on a white background.

Color Contrast Check

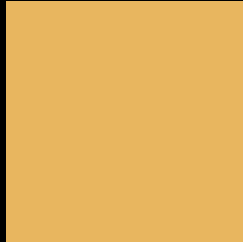
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 51.4379, 0.4285, 0.4233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4379, 0.4285, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 51.4379, 0.4285, 0.4233.



This preview shows how white text looks on a background with the Yxy color 51.4379, 0.4285, 0.4233.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.4379, 0.4285, 0.4233

Protanopia

51.4104, 0.4013, 0.4372

Deuteranopia

51.3664, 0.4310, 0.4215



Tritanopia

51.3586, 0.3623, 0.3148

Trichromacy



Original Color

51.4379, 0.4285, 0.4233

Protanomaly

51.3091, 0.4112, 0.4319

Deuteranomaly

51.1976, 0.4301, 0.4219

Tritanomaly

51.1505, 0.3885, 0.3563

Monochromacy



Original Color

51.4379, 0.4285, 0.4233

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7275, 0.3537, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4379, 0.4285, 0.4233 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 182, 95)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 95)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 182, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 95) }
```

Border

The CSS property to change the border of an element to Yxy 51.4379, 0.4285, 0.4233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 182, 95) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 182, 95) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 182, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 95);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4379, 0.4285, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 95) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
182, 95) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor